



*We make your hooves get on the winners!*



As a cushioning element in the musculoskeletal system, the equine hoof is subject to distortion. Under the weight of the horse, a healthy hoof spreads and sinks several millimetres before returning to its original form in the swing phase.

This is called the “hoof mechanism”. It absorbs impacts and thus protects the above-lying ligament, joint and bone structures. In addition, the hoof mechanism acts as a pump to move the blood through the horse's leg. If the hoof mechanism is restricted or no longer working, these important properties can no longer function, or function properly. This can lead to hoof problems like cracks, split horn, damaged hoof walls, loose shoes and musculoskeletal diseases.

### Elasticity through water

The elasticity of the horn, and therefore of the entire hoof, greatly depends on its moisture content. Healthy horn on the hoof wall contains about 20% water, whereby short-term fluctuations due to weather and temperature changes are completely normal. The hoof wall gets needed moisture from inside through the corium, and from outside through washing, rainwater or wet surfaces. The hoof's moisture content is regulated by the periople, a thin, protective layer which prevents water loss through evaporation from the horn substance, especially in dry periods. In riding horses, due to farrier work and especially from being ridden on sand, the periople is often only intact in the coronet area, greatly increasing moisture release. The horn becomes more rigid and less elastic, and the horse feels like he's wearing shoes that are too tight.



Hoof with incomplete periople

## KERALIT® HUF-ELAST



### Resilient hooves with KERALIT HUF-ELAST OIL

KERALIT HUF-ELAST is a liquid concentrate hoof oil. Its high quality water-soluble and hygroscopic formula contains over 90% plant substances including laurel leaf oil, sesame oil, and avocado and jojoba oil. Its hydrophilic substances dissolve and are absorbed, binding natural moisture in the horn. This improves the horn's elasticity and resilience without sealing off the horn surface. Its water solubility allows for the optimum absorption and release of moisture in the hoof, even with frequent use. It prevents the excess evaporation of moisture from the hoof horn, especially in dry periods, helping to regulate the hoof's water balance. Conventional oils and salves, even pure laurel leaf oil, don't do this, but rather seal off the pores. That can lead to decay in the nail areas. KERALIT HUF-ELAST hoof oil also contains substances from the human cosmetic industry which nourish the skin and horn and improve elasticity in the horn, coronet and periople. The coronet becomes more supple and elastic, allowing better blood flow to the hoof during exercise.

Hoof elasticity raises metabolism in the periopic corium. The hoof mechanism, growth, and horn quality are noticeably improved. KERALIT HUF-ELAST is easy and economical in its application: using a brush, apply sparingly to the hoof wall and coronet area 2-3 times per week. For brittle, dry horn: Wash hooves and apply HUF-ELAST hoof oil to the still-wet horn. KERALIT HUF-ELAST can also be applied in a 1:1 mixture with water. It is ideal for use in alternation with KERALIT HOOF HARDENER.

## KERALIT® LAUREL LEAF OINTMENT

### Coronet care for better horn growth

KERALIT Laurel Leaf Ointment contains natural ingredients in a high-quality, water-soluble base adapted from human cosmetics and 20% pure laurel leaf oil. Its water solubility allows for optimum absorption in the horn and coronet. It improves hoof growth and the hoof mechanism. Its water solubility allows the hoof to absorb and release moisture unimpeded, even with frequent use. Conventional salves don't do that, closing the pores for several days. KERALIT Laurel Leaf Ointment improves elasticity and moisture content of the horn, increasing the blood supply to the hoof with the horse's movement. The improved blood flow and elasticity of the hooves stimulate the metabolism in the coronet and thus support hoof growth.

### Application:

Apply the ointment to wet or dry hooves and massage into the coronet. Apply to the coronet area 2-3 times weekly.



*to the video*



*to the video*

